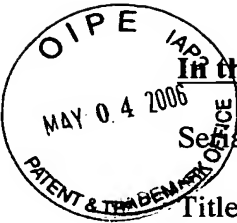


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In the United States Patent and Trademark Office

Serial No.: 10/506,917

Title: SYSTEM AND METHOD FOR THE
PRODUCTION OF RECOMBINANT
GLYCOSYLATED PROTEINS IN A
PROKARYOTIC HOST

Applicant: AEBI, Markus et al.

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Filing Date: 05/21/2005

Examiner: RAO, Manjunath N.

Art Unit: 1645

Atty docket No: PUS-E005-103B

INFORMATION DISCLOSURE STATEMENT

To: U.S. Patent and Trademark Office
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Alexandria, VA 22314
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Dear Sir,

Pursuant to the provisions of 37 C.F.R. §1.97, Applicant encloses the references set forth in the attached modified form PTO/SB/O8A. No inference should be made that the cited references are in fact material, are in fact prior art, are analogous art, or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

An early action on the merits is respectfully requested.

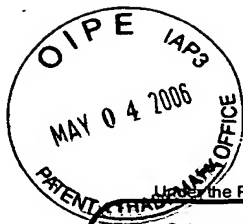
If the Examiner has further questions, he is invited to contact the undersigned at phone 011-4171 230 1000, fax at 011-4171 230 1001 or e-mail at sherman@patentinfo.net.

Respectfully submitted,

Sherman D. PERNIA
U.S. Reg. No. 34,404

Date: 27 April 2006

Enclosures: IDS form
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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet **1** of **3****Complete if Known**

Application Number	10/506,917
Filing Date	05/21/2005
First Named Inventor	AEBI, Markus
Art Unit	1645
Examiner Name	RAO, Manjunath N.
Attorney Docket Number	PUS-E005-103B

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,643,758	07/01/1997	GUAN et al.	entire doc.
		US- 2002/0019342	02/14/2002	BAYER	entire doc.
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 00/52135	09/08/2000	BETENBAUGH et al.	entire doc.	
		WO 01/88117	11/22/2001	BAYER	entire doc.	
		WO 02/00856	01/03/2002	CONTRERAS et al.	entire doc.	
		WO 03/074687	09/12/2003	AEBI et al.	entire doc.	

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SignatureDate
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		Application Number	10/506,917
		Filing Date	05/21/2005
		First Named Inventor	AEBl, Markus
		Art Unit	1645
		Examiner Name	RAO, Manjunath N.
Sheet 2	of 3	Attorney Docket Number PUS-E005-103B	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	FRY et al., The lipopolysaccharide biosynthesis locus of Campylobacter jejuni 81116, Microbiology, Vol. 144, p. 2049-61 (1998)	
	2	BURDA et al., The dolichol pathway of N-linked glycosylation, Biochimica et Biophysica Acta 1426, p. 239-57 (1999)	
	3	SZYMANSKI et al., Evidence for a system of general protein glycosylation in Campylobacter jejuni, Molecular Microbiology, Vol. 32, Issue 5, p. 1022-30 (June 1999)	
	4	YOUNG et al., Structure of the N-Linked Glycan Present on Multiple Glycoproteins in the Gramnegative Bacterium, Campylobacter Jejuni, The Journal of Biological Chemistry, Vol. 277, No. 45, p. 42530-39 (November 2002)	
	5	WACKER et al., N-Linked Glycosylation in Campylobacter jejuni and Its Functional Transfer into E. coli, Science, Vol. 298, p. 1790-93 (November 2002)	
	6	WACKER et al., PglB, an oligosaccharyltransferase in the eubacterium Campylobacter jejuni?, Glycobiology, Vol. 11, p. 871 (October 2001)	
	7	VARKI et al., Essentials of Glycobiology, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, 1999	
	8	GRABENHORST et al., Genetic engineering of recombinant glycoproteins and the glycosylation pathway in mammalian host cells, Glycoconjugate Journal, 16, p. 81-97 (1999)	
	9	ALTMANN et al., Insect cells as hosts for the expression system for recombinant glycoproteins, Glycoconjugate Journal, 16, p. 109-123 (1999)	

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/506,917
		Filing Date	05/21/2005
		First Named Inventor	AEBl, Markus
		Art Unit	1645
		Examiner Name	RAO, Manjunath N.
Sheet 3	of 3	Attorney Docket Number	PUS-E005-103B

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10	MALISSARD et al., The yeast expression system for recombinant glycosyltransferases, Glycoconjugate Journal, 16, p. 125-139 (1999)	
	11	MARAS et al., Filamentous fungi as production organisms for glycoproteins of bio-medical interest, Glycoconjugate Journal, 16, p. 99-107 (1999)	
	12	FUJITA et al., Synthesis of neoglycoenzymes with homogenous N-linked oligosaccharides using immobilized endo-S-N-acetylglucosaminidase A,	
		Biochemical and Biophysical Research Communications, 267, p. 134-38 (2000)	
	13	GAVEL et al., Sequence differences between glycosylated and non-glycosylated Asn-X-Thr/Ser acceptor sites: implications for protein engineering,	
		Protein Eng, 3, p. 433-42 (1990)	

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